

FIG. 1

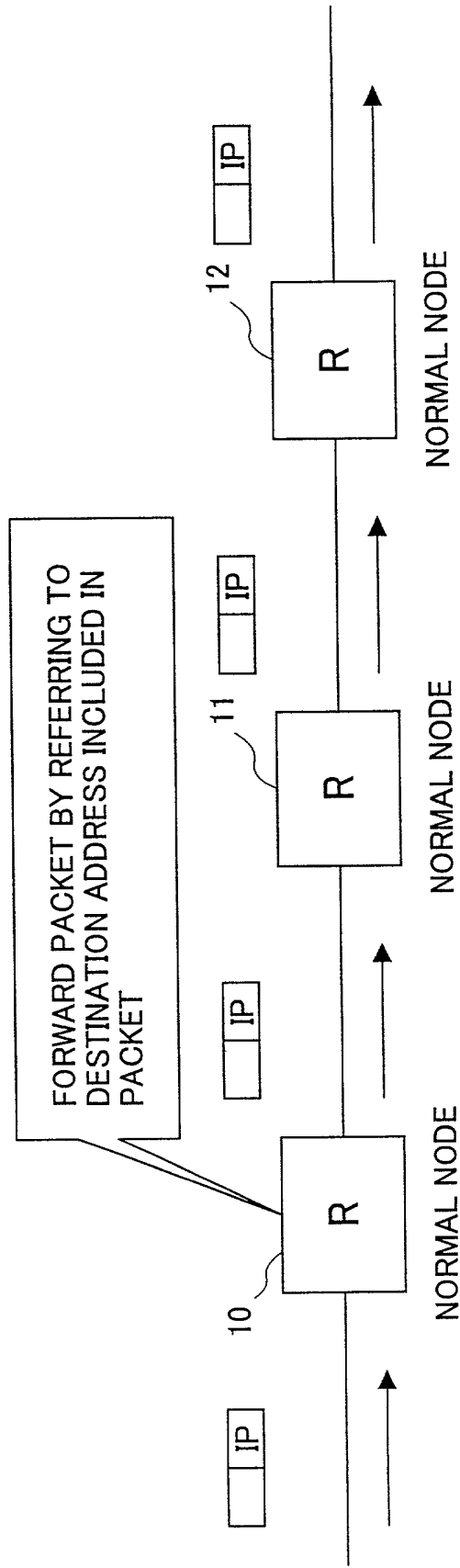


FIG. 2

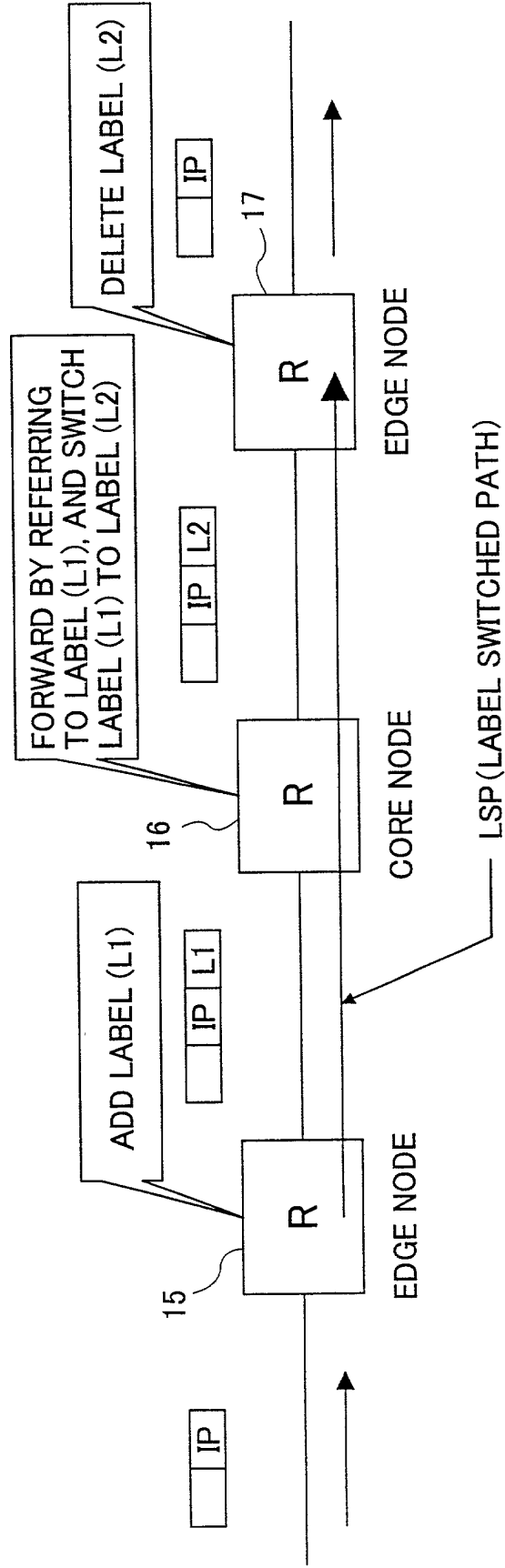


FIG.3

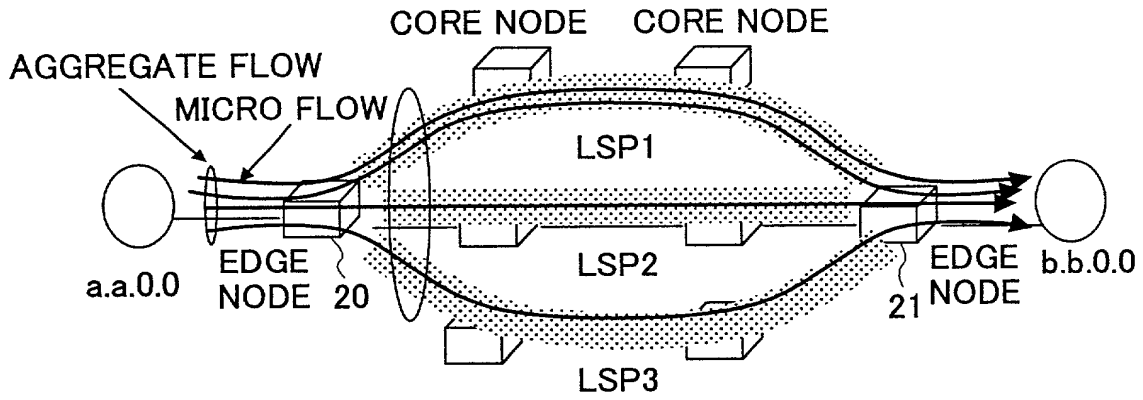


FIG.4

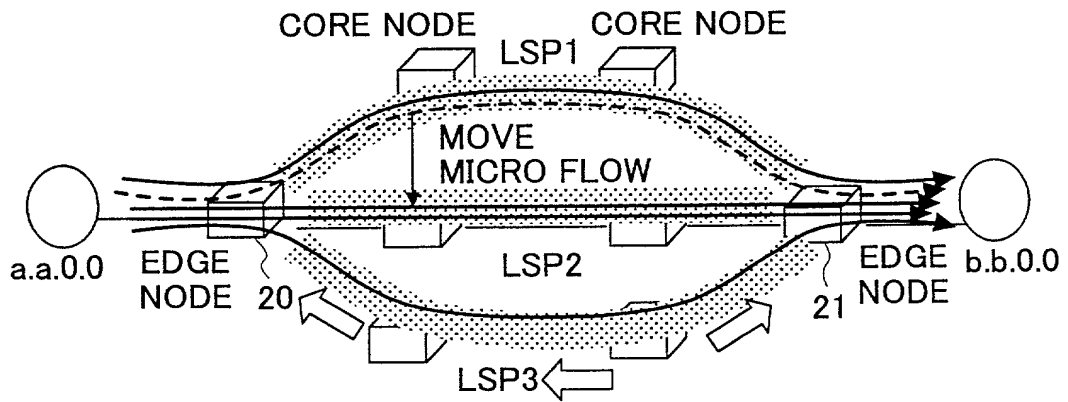


FIG.5A

FIG.5B

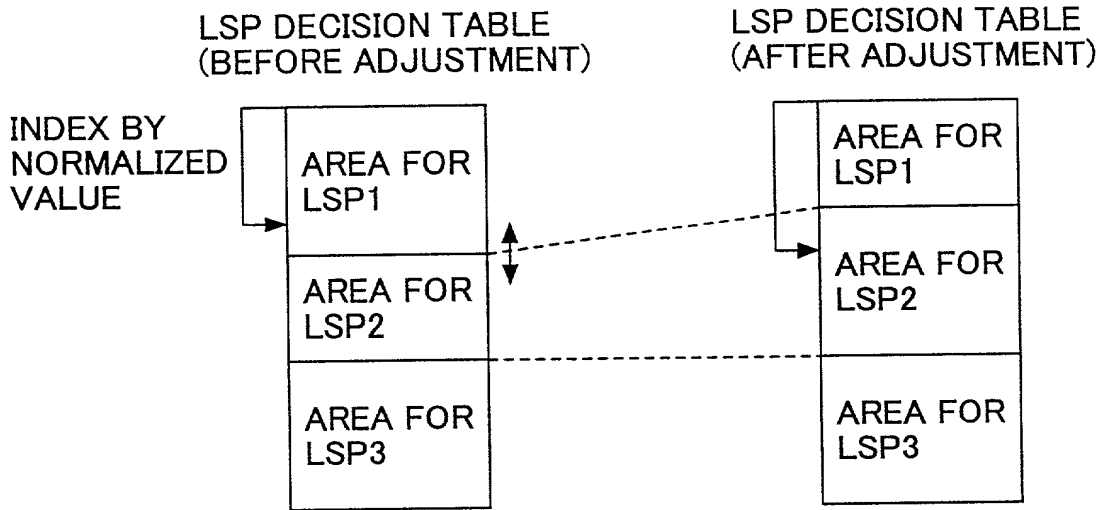


FIG. 6

FIG. 6

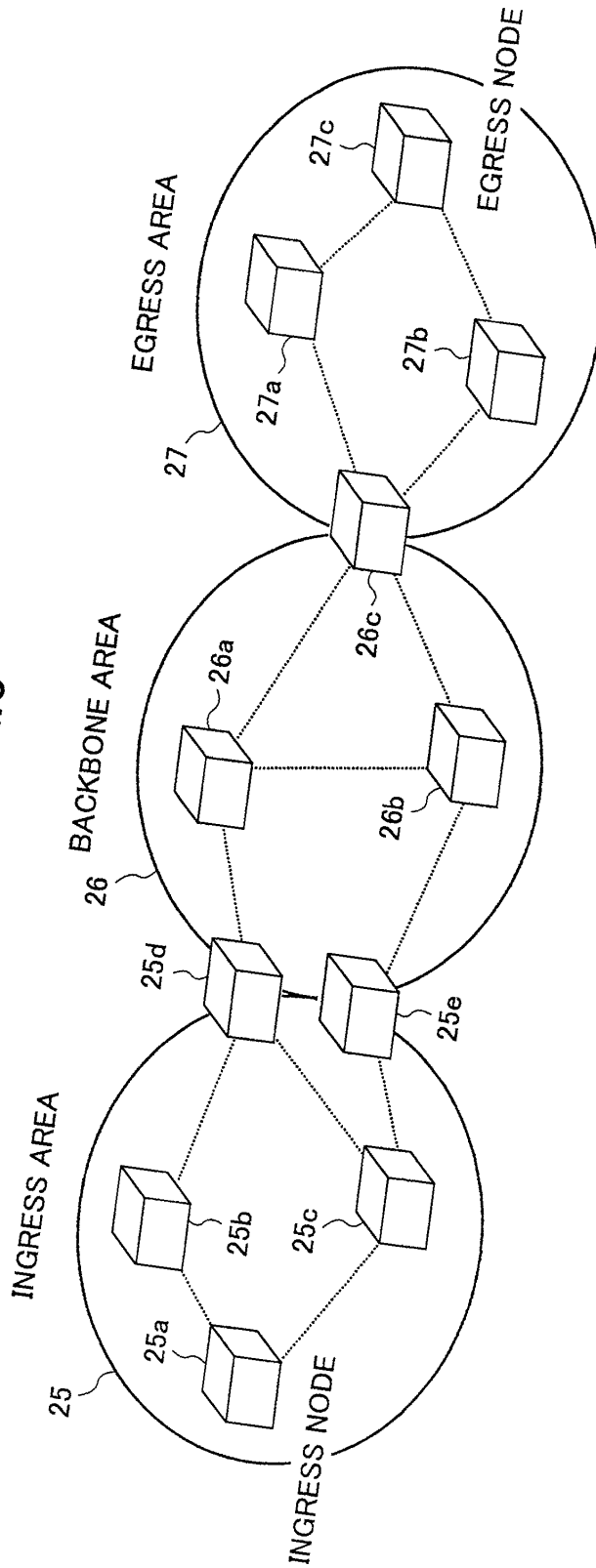


FIG. 7

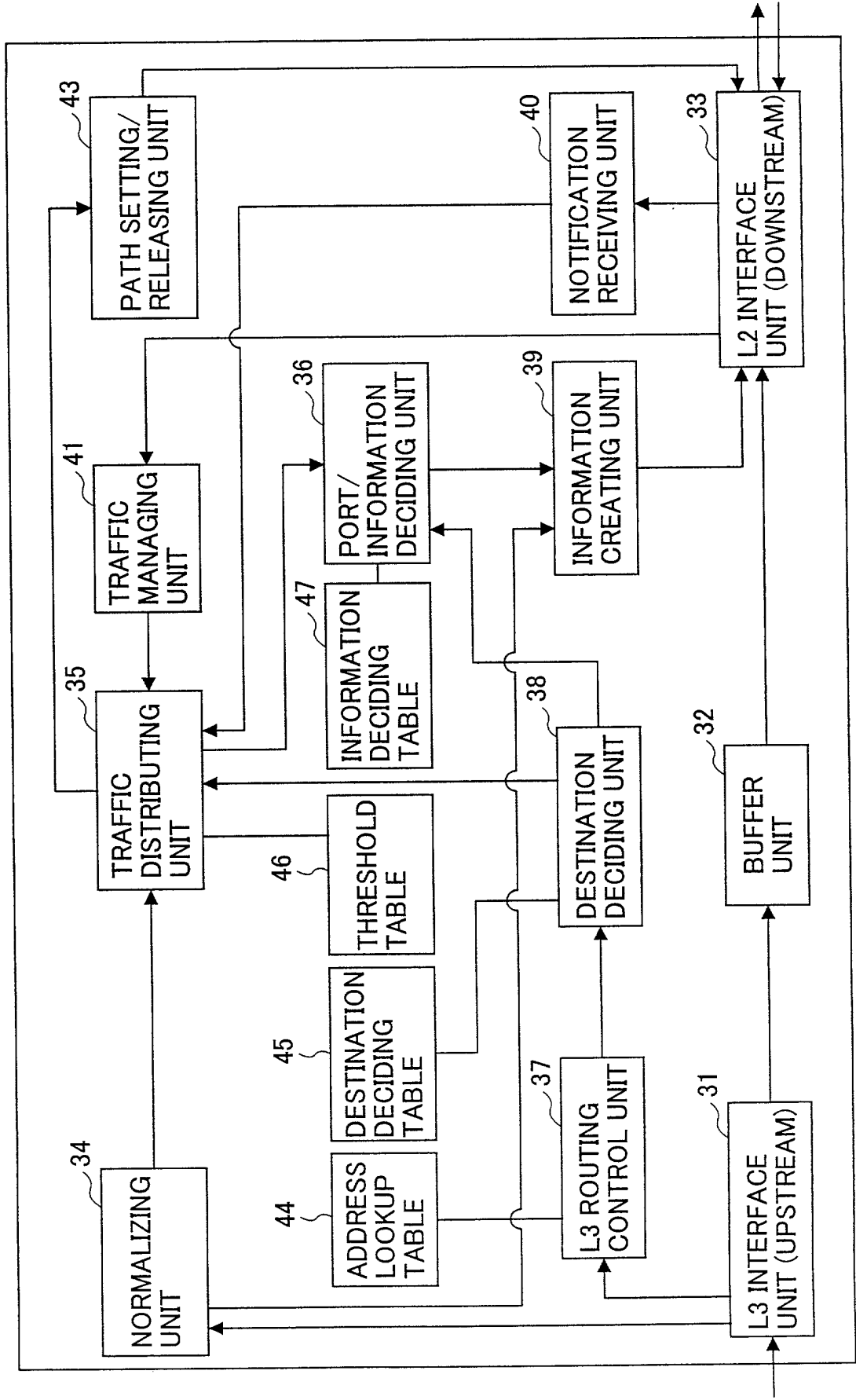


FIG. 8

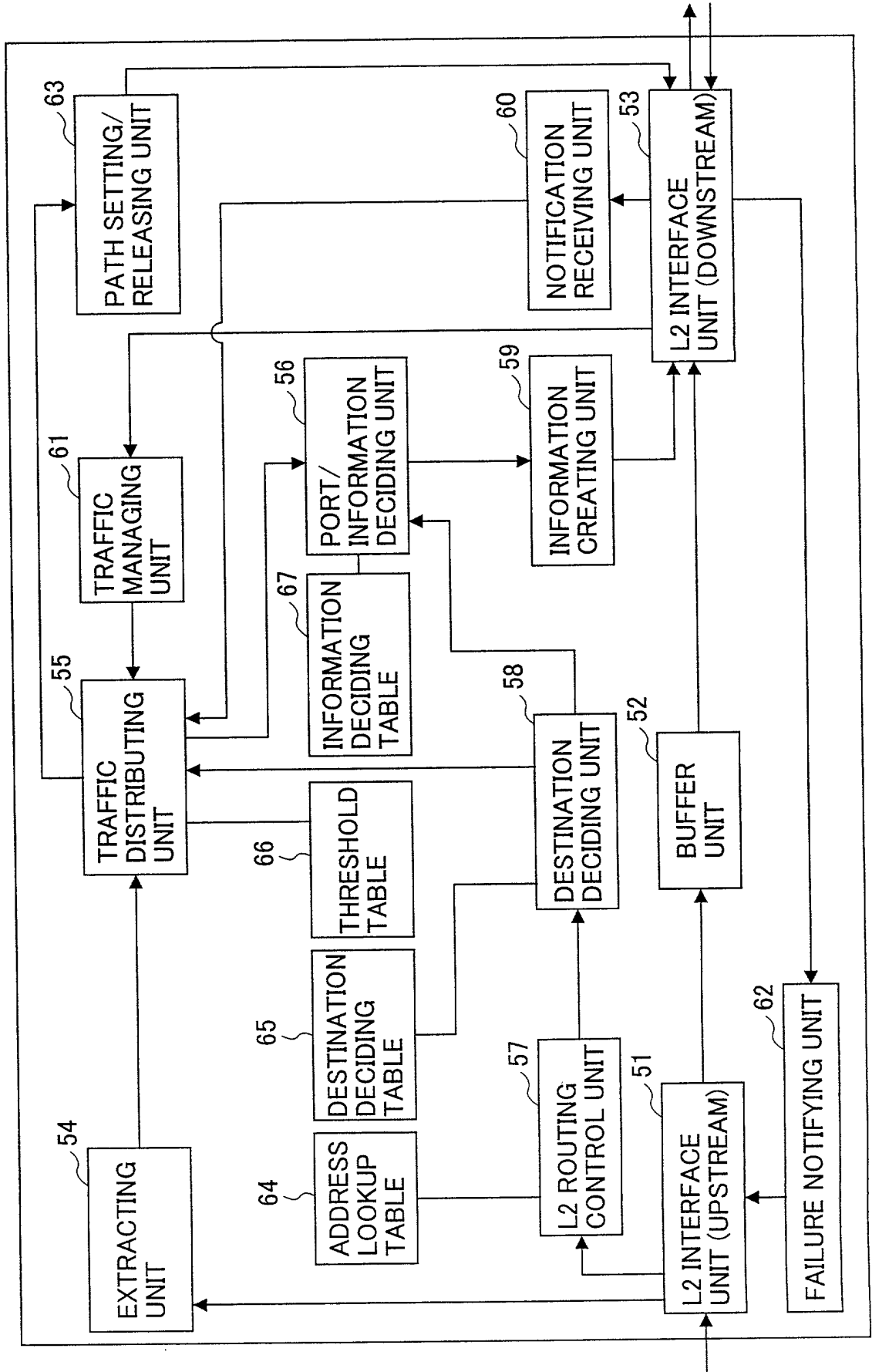
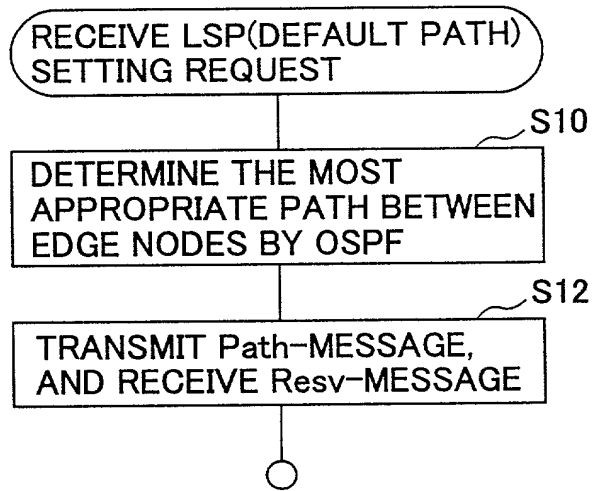


FIG.9



POSTED AT 2000

FIG. 10

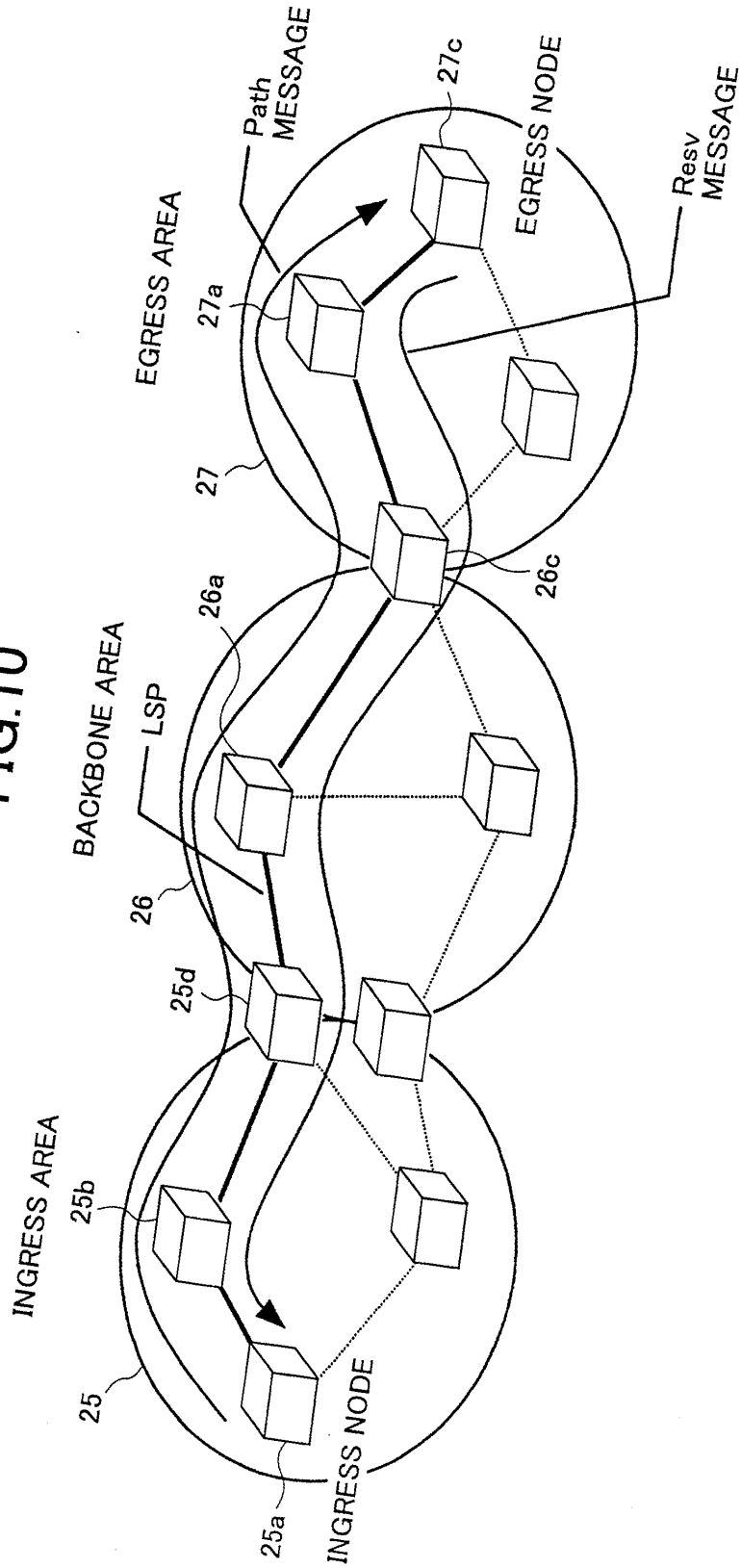
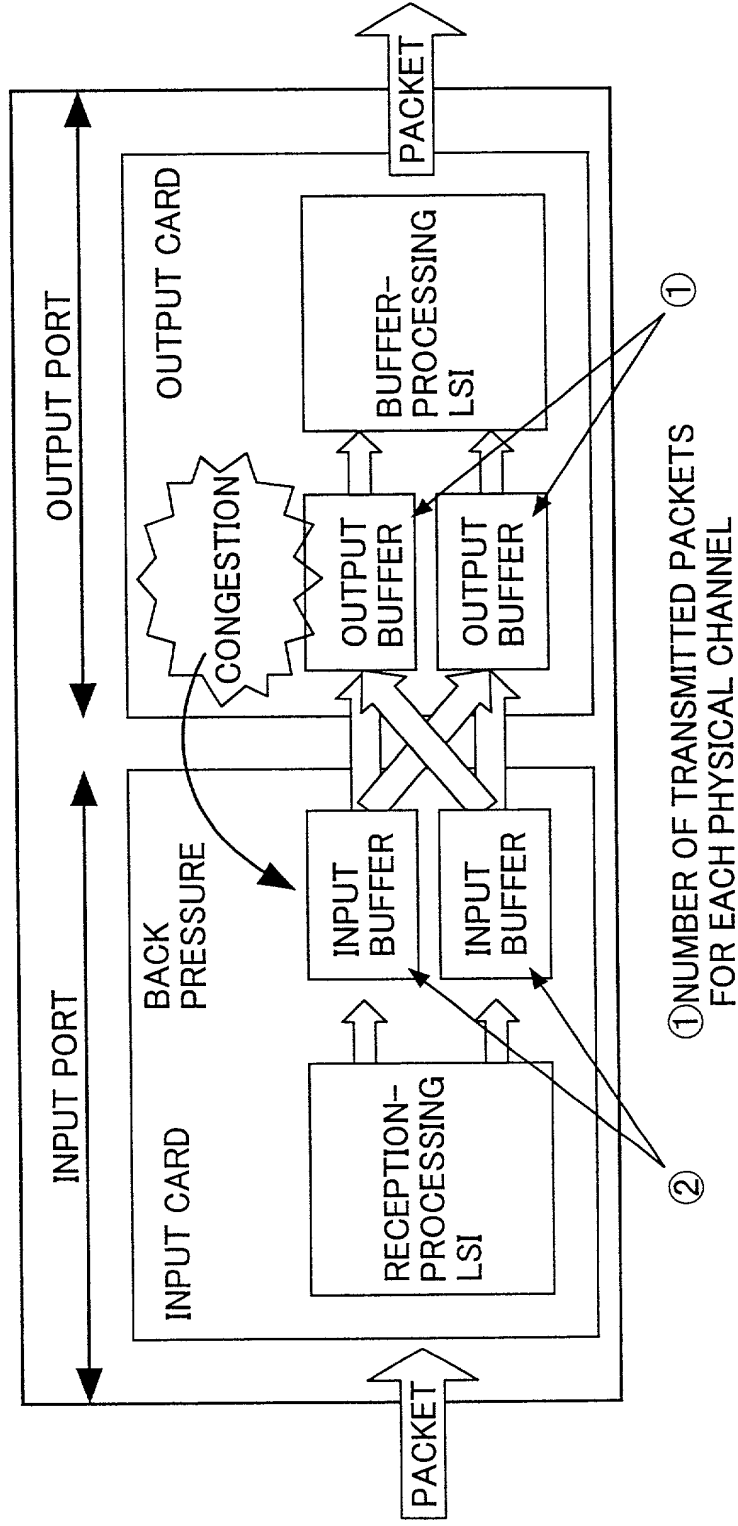


FIG.11



① NUMBER OF TRANSMITTED PACKETS FOR EACH PHYSICAL CHANNEL

② NUMBER OF DISCARDED PACKETS FOR EACH PHYSICAL CHANNEL

FIG. 12

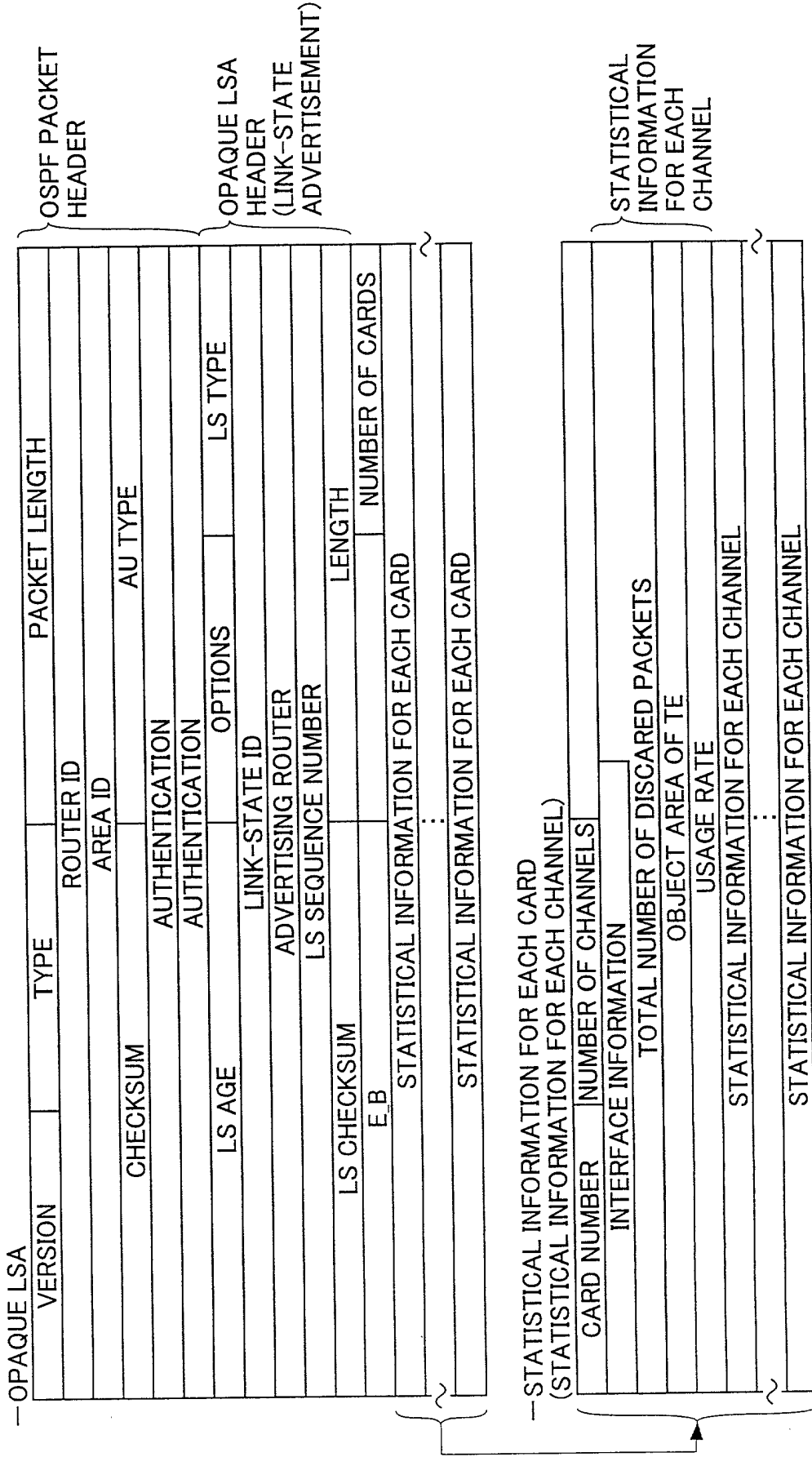


FIG.14

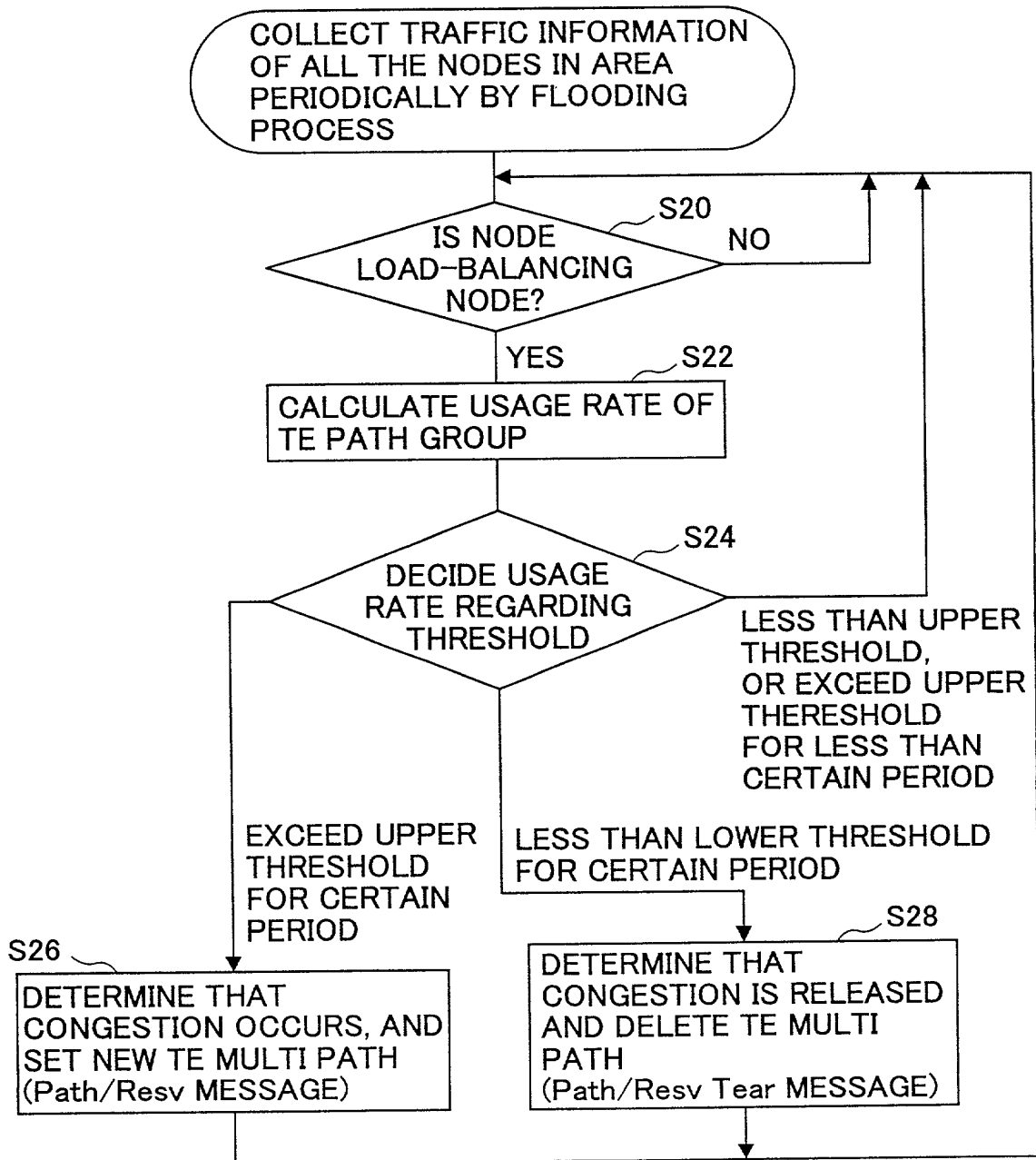


FIG. 15

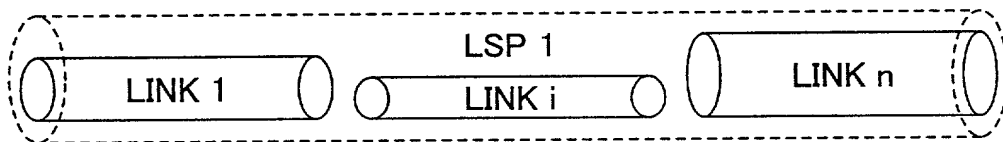
COLLECT TRAFFIC INFORMATION AT EACH NODE (PACKET TRANSMITTING AMOUNT, PACKET DISCARDING AMOUNT, TE BANDWIDTH)



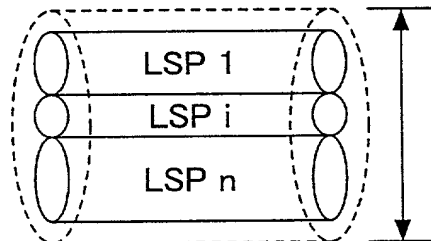
① OBTAIN AND SMOOTH PACKET TRANSMITTING AMOUNT AND PACKET DISCARDING AMOUNT AT EACH NODE, THEN, OBTAIN TRAFFIC INFORMATION OF EACH LINK



② CALCULATE EFFECTIVE LOAD ON LSP, BASED ON TRAFFIC INFORMATION OF EACH LINK (CHANNEL)



③ CALCULATE USAGE RATE OF TE PATH GROUP, BASED ON EFFECTIVE LOAD ON EACH LSP



CALCULATE USAGE RATE BY ASSUMING ALL THE LSPS AS SINGLE PIPE



④ DETERMINE WHETHER TE PATH GROUP IS CONGESTED, BASED ON USAGE RATE OF TE PATH GROUP

FIG.16

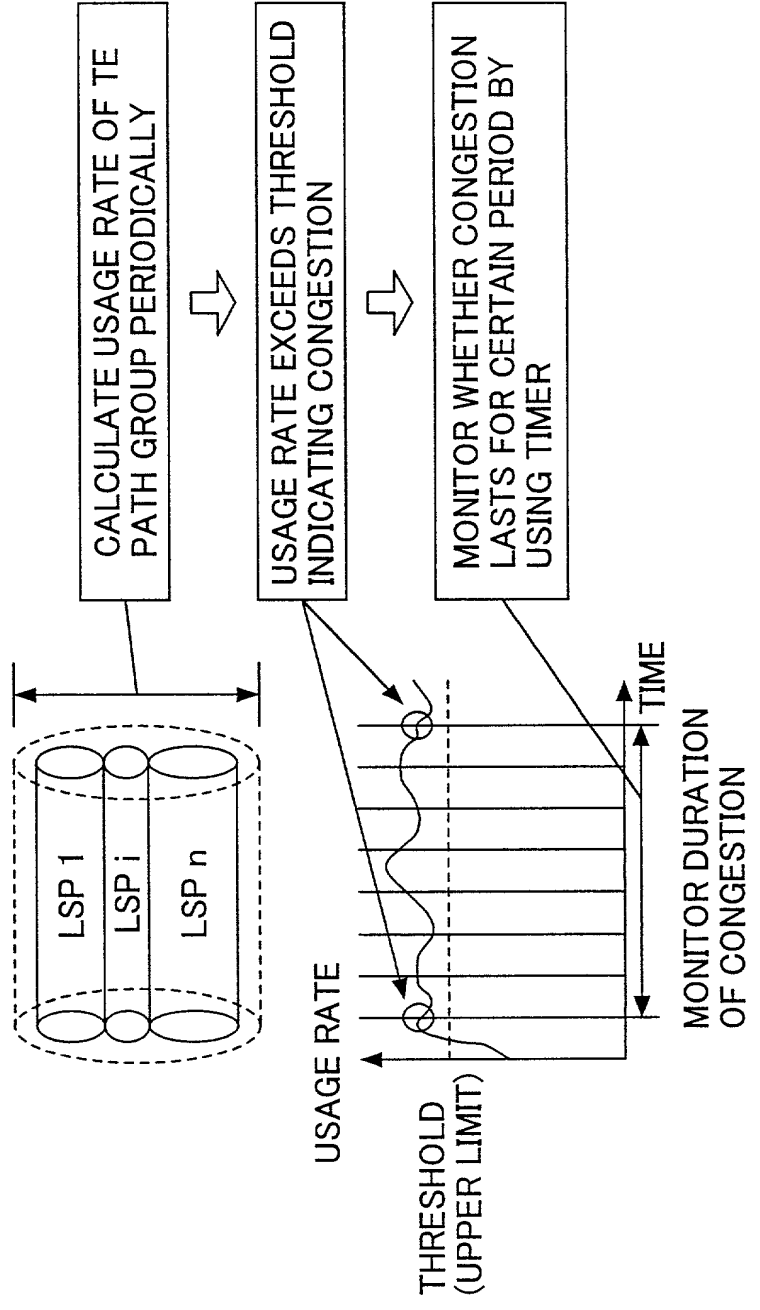


FIG. 17

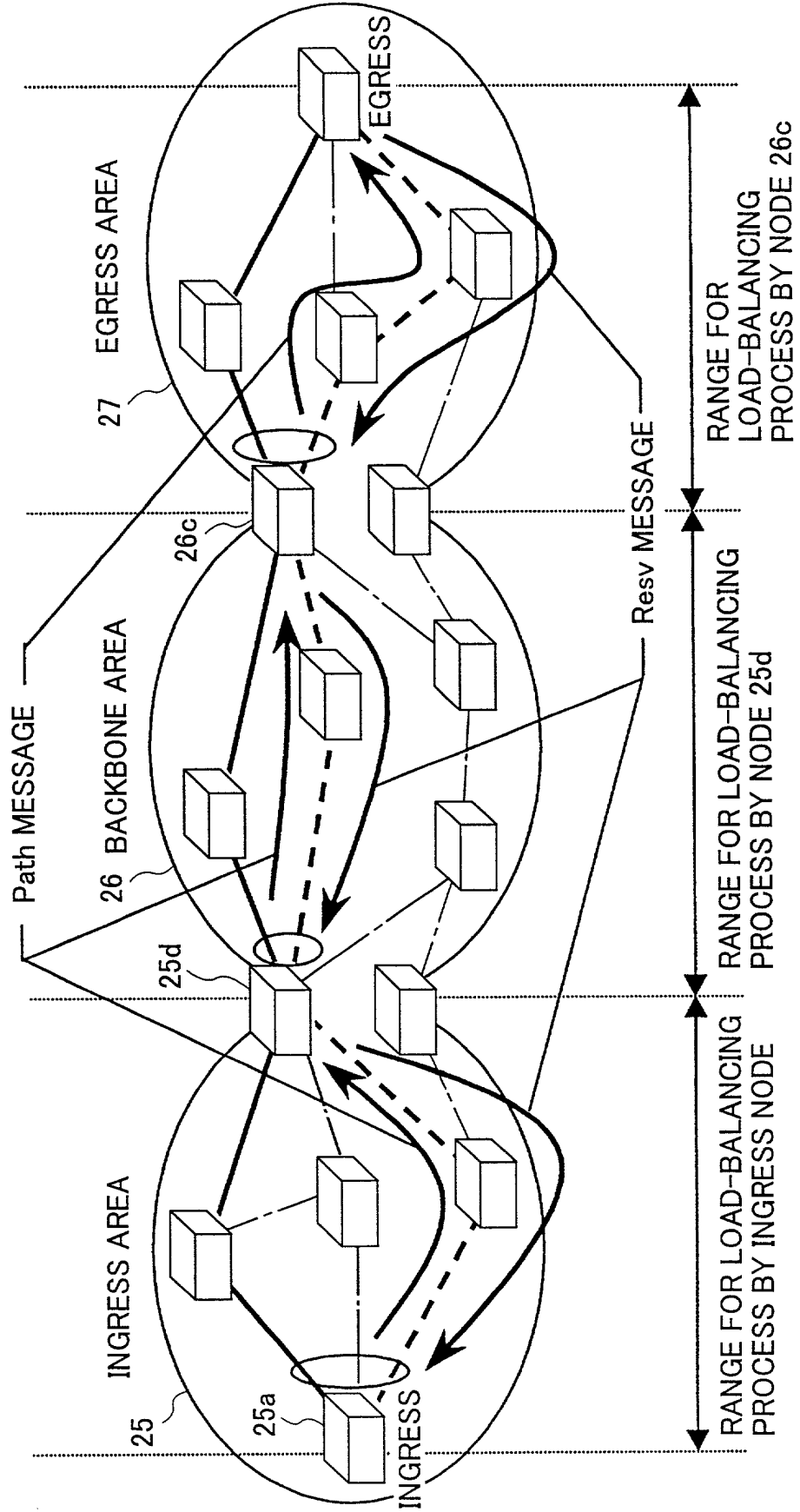
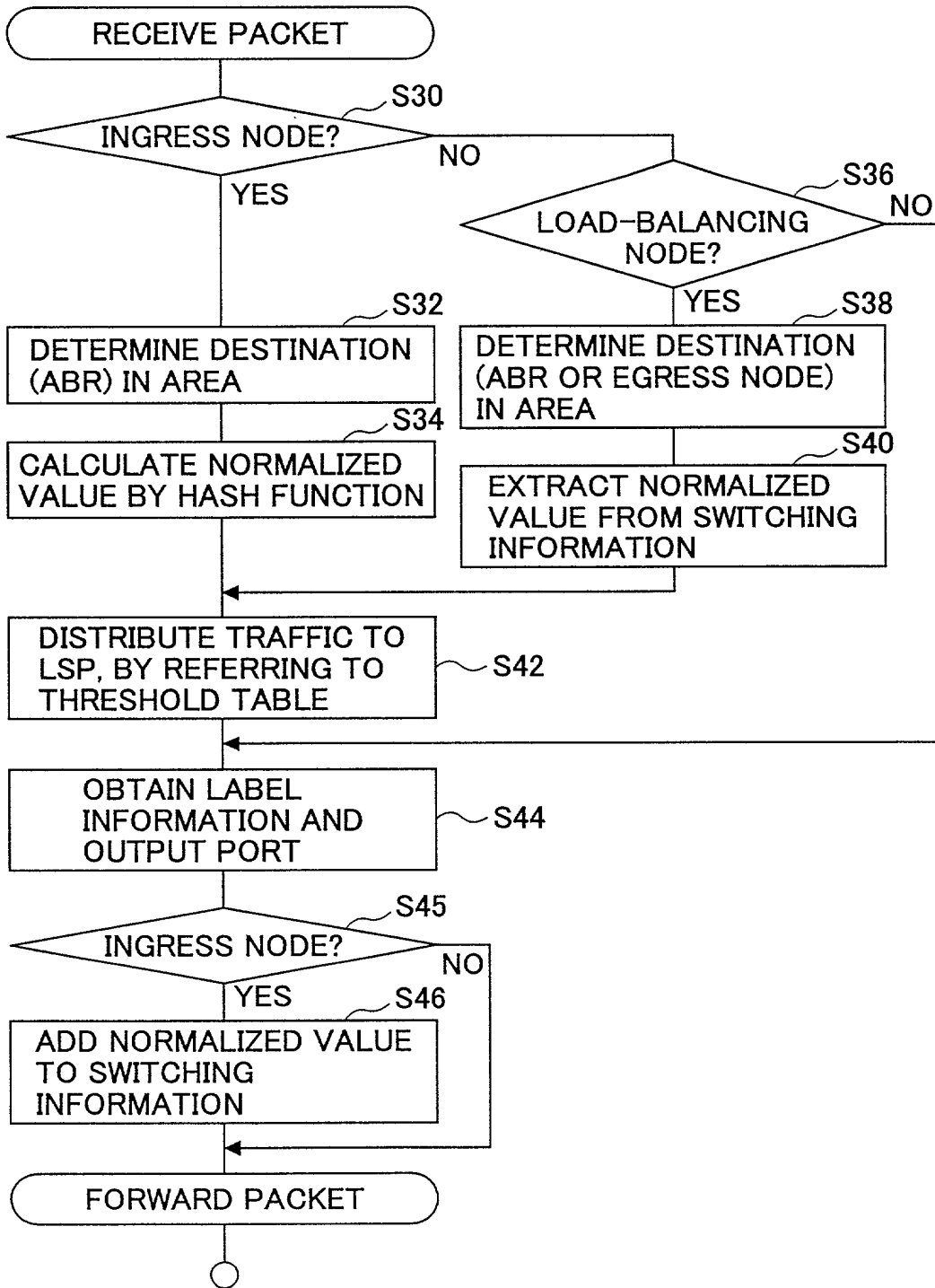


FIG.18



2025 RELEASE UNDER E.O. 14176

FIG.19

IP SOURCE ADDRESS	IP DESTINATION ADDRESS	ASSOCIATE POINTER

FIG.20

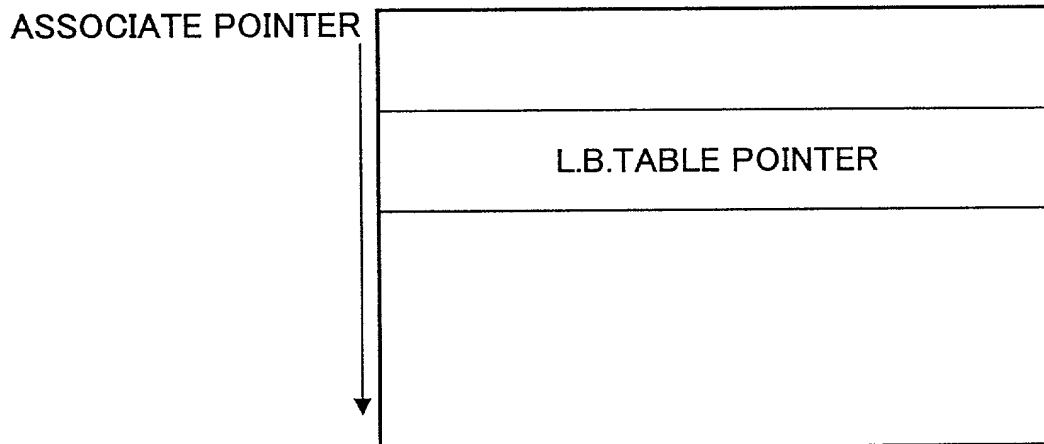


FIG.21

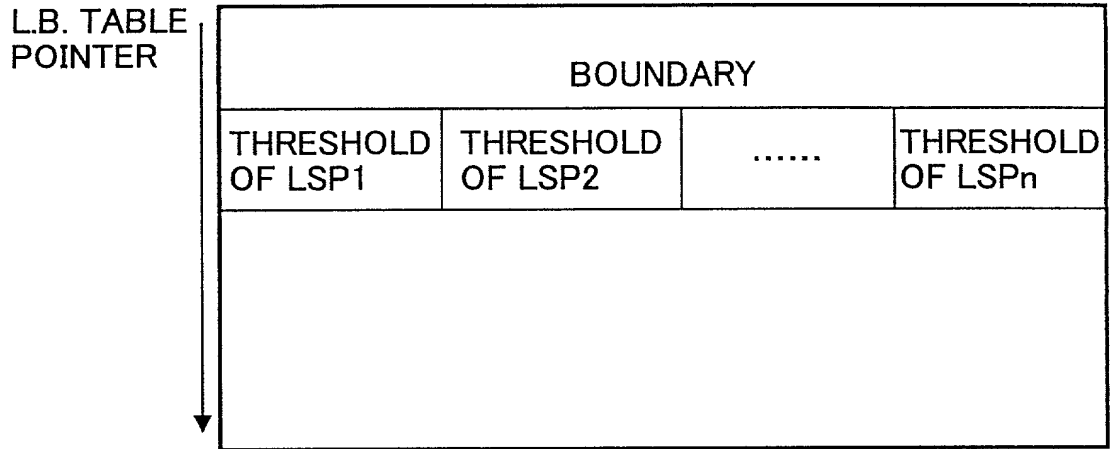


FIG.22

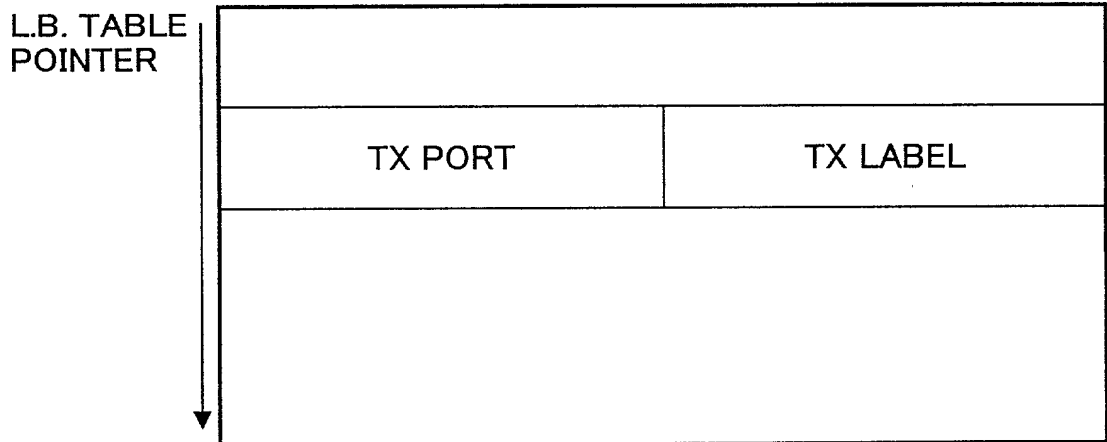


FIG.23A

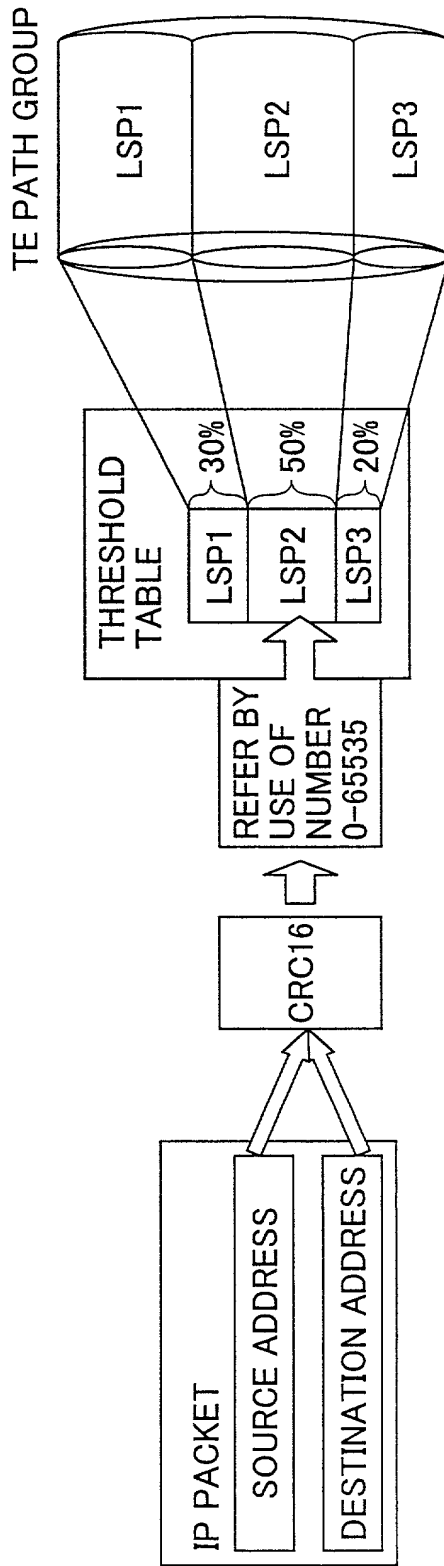


FIG.23B

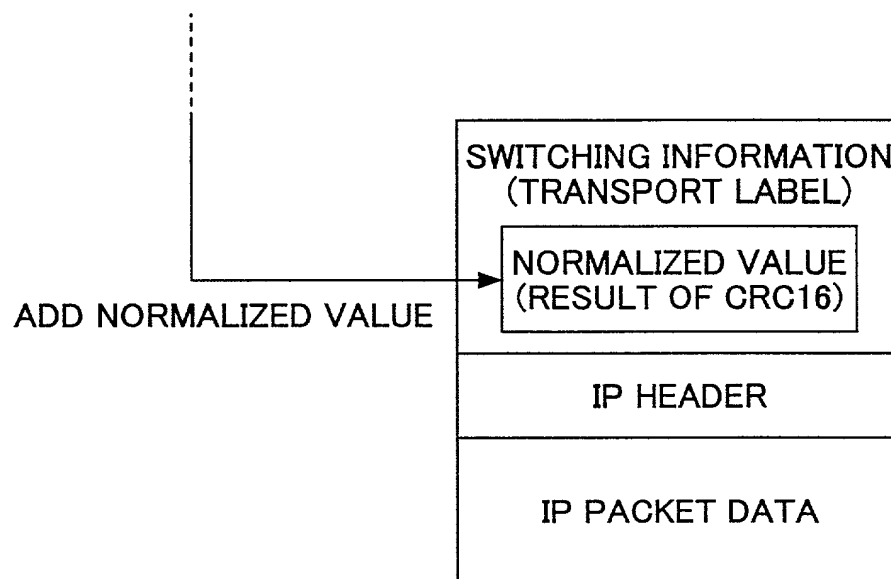


FIG.23C

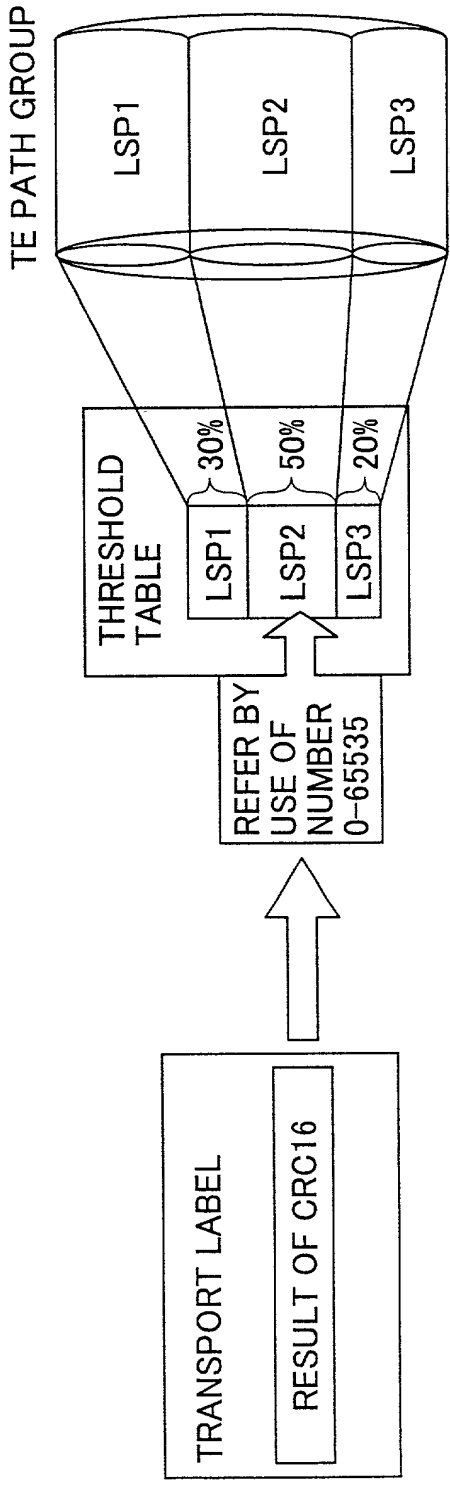


FIG. 24

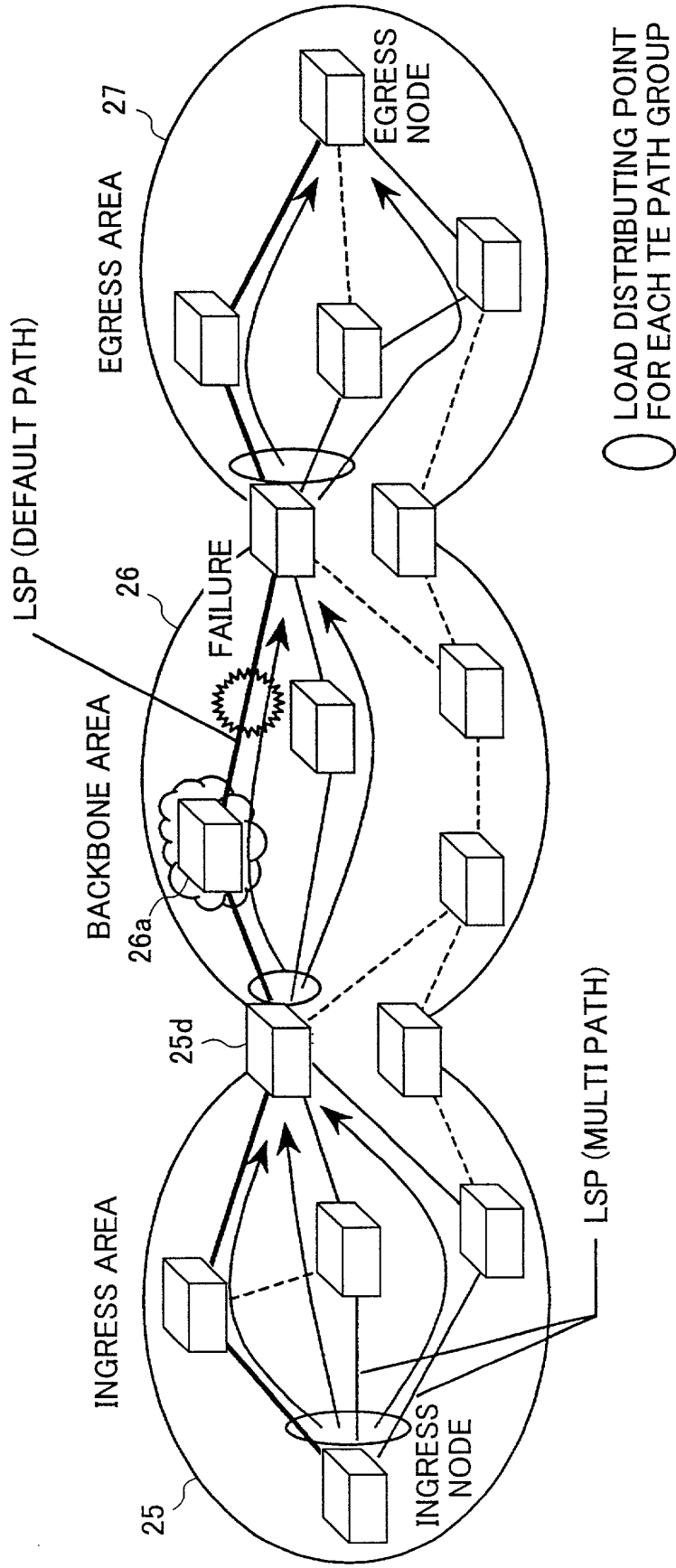


FIG.25

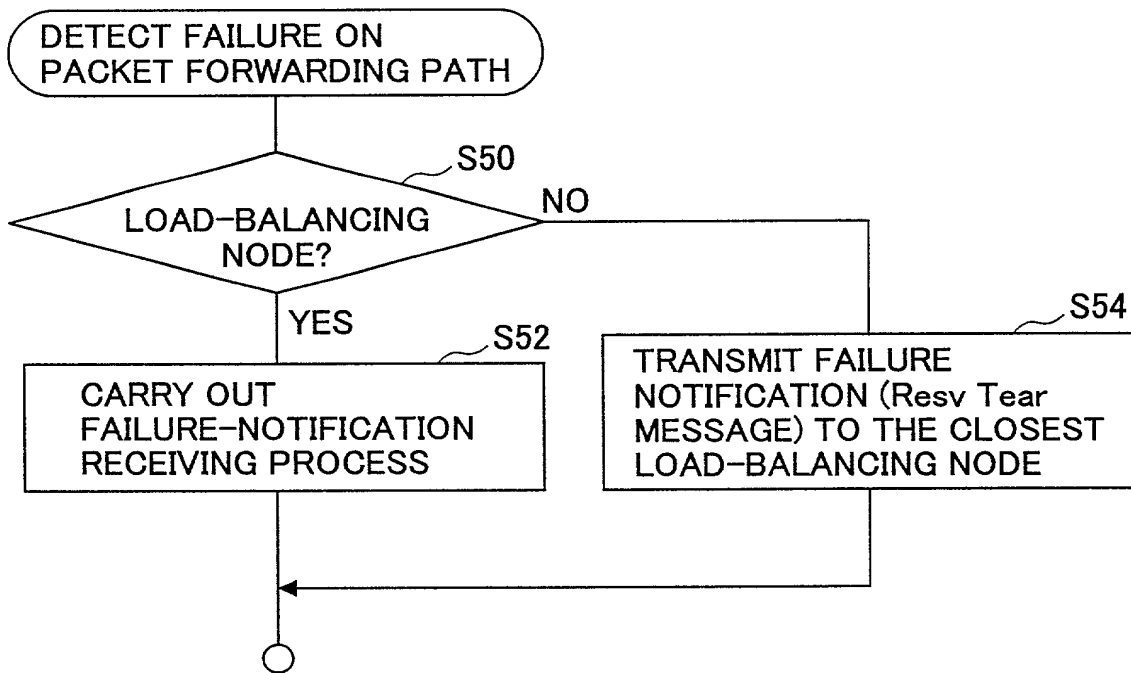


FIG.26

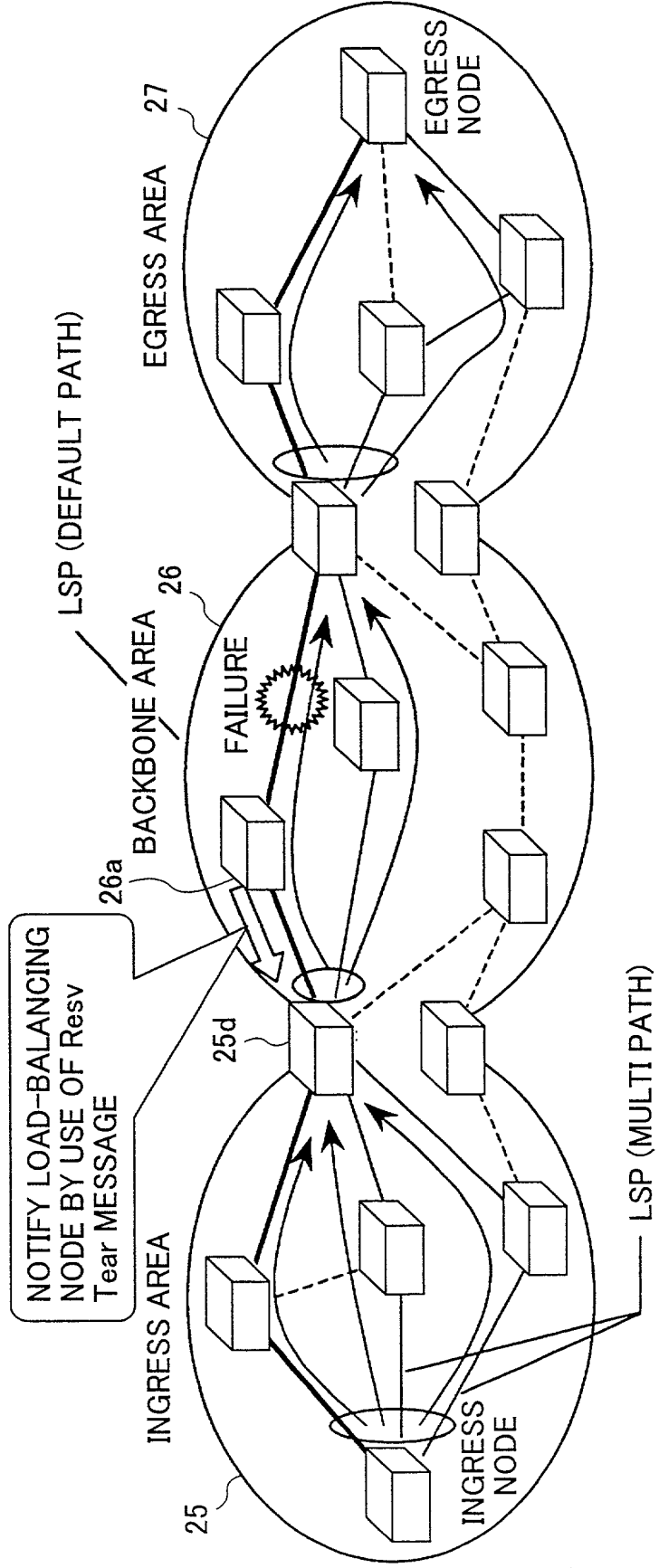
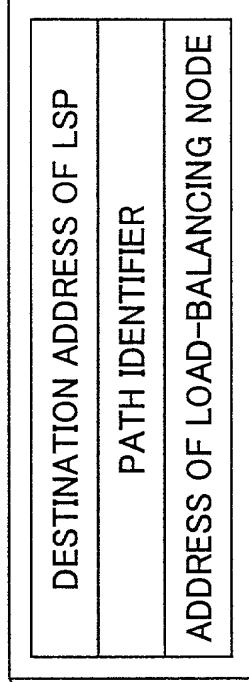
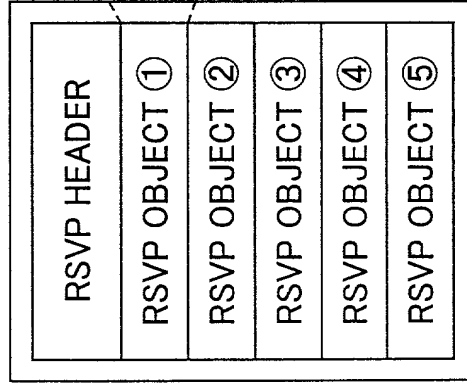


FIG. 27

RSVP-LSP-TUNNEL
PATH MESSAGE



RSVP OBJECT ① (SESSION OBJECT)

FIG.28

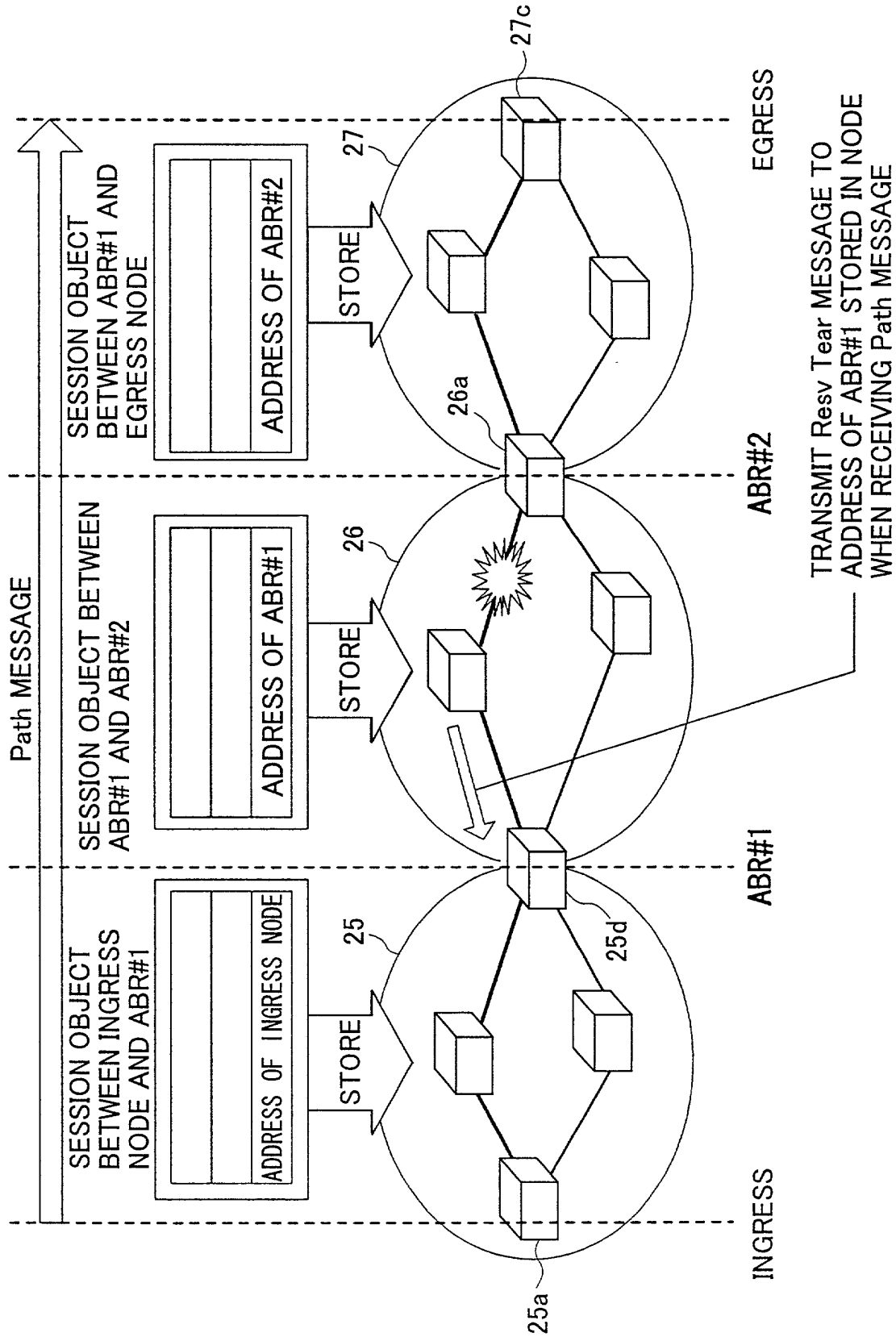


FIG. 29

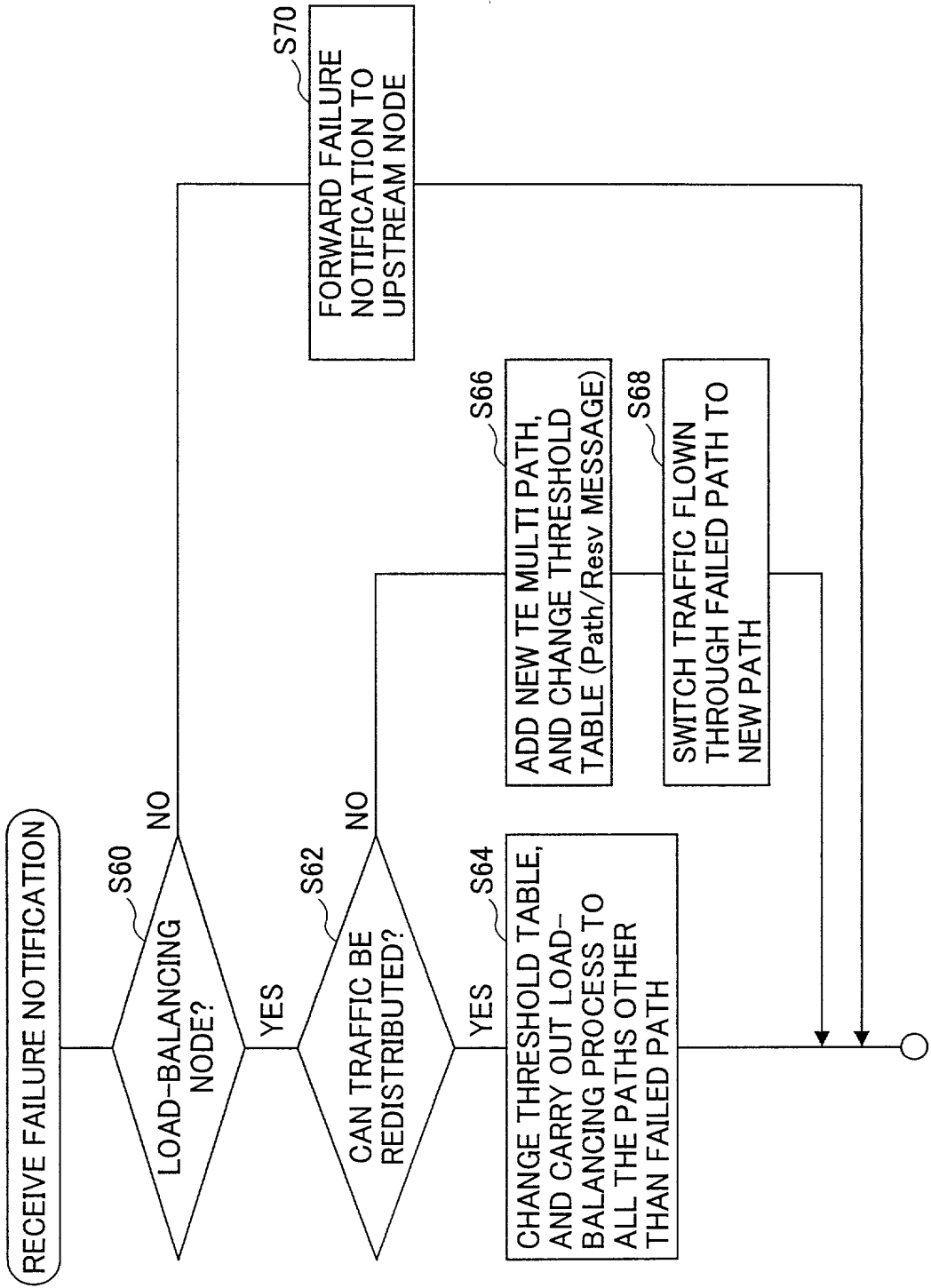


FIG.31A

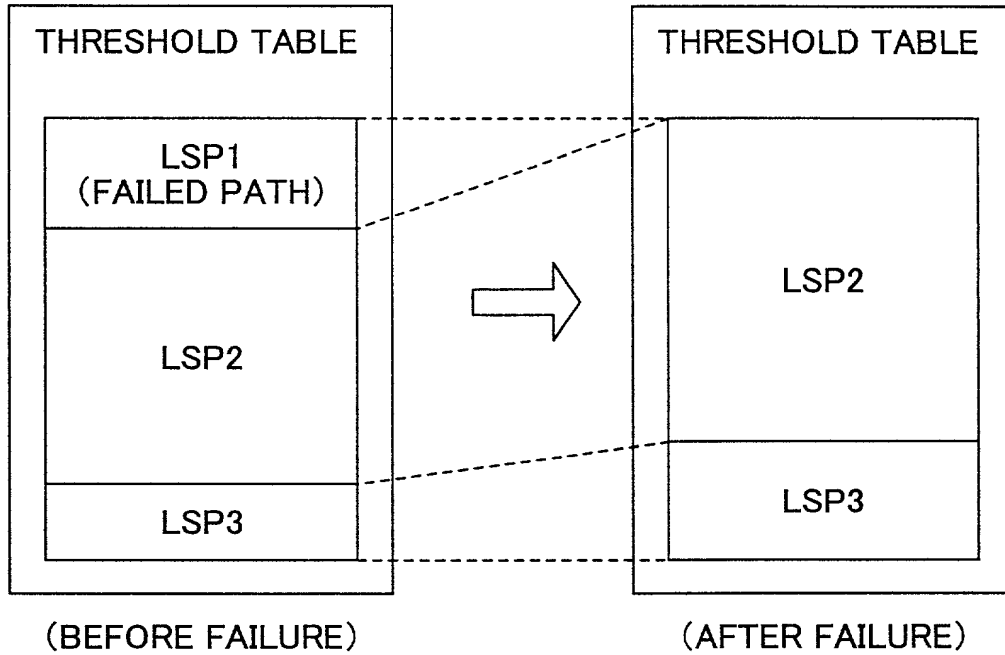


FIG.31B

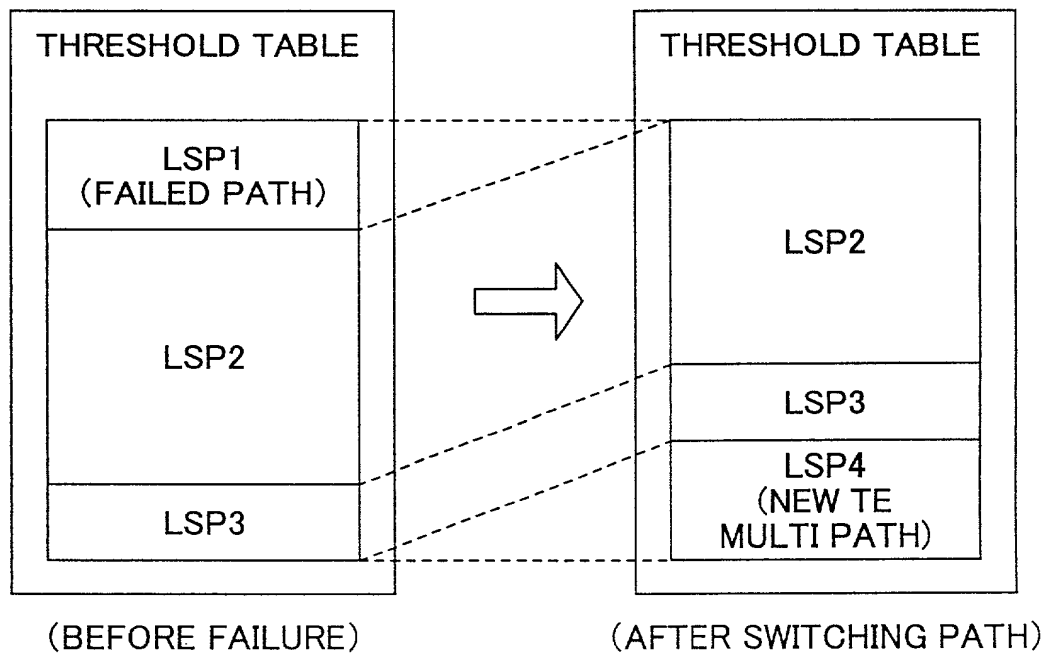


FIG. 32A

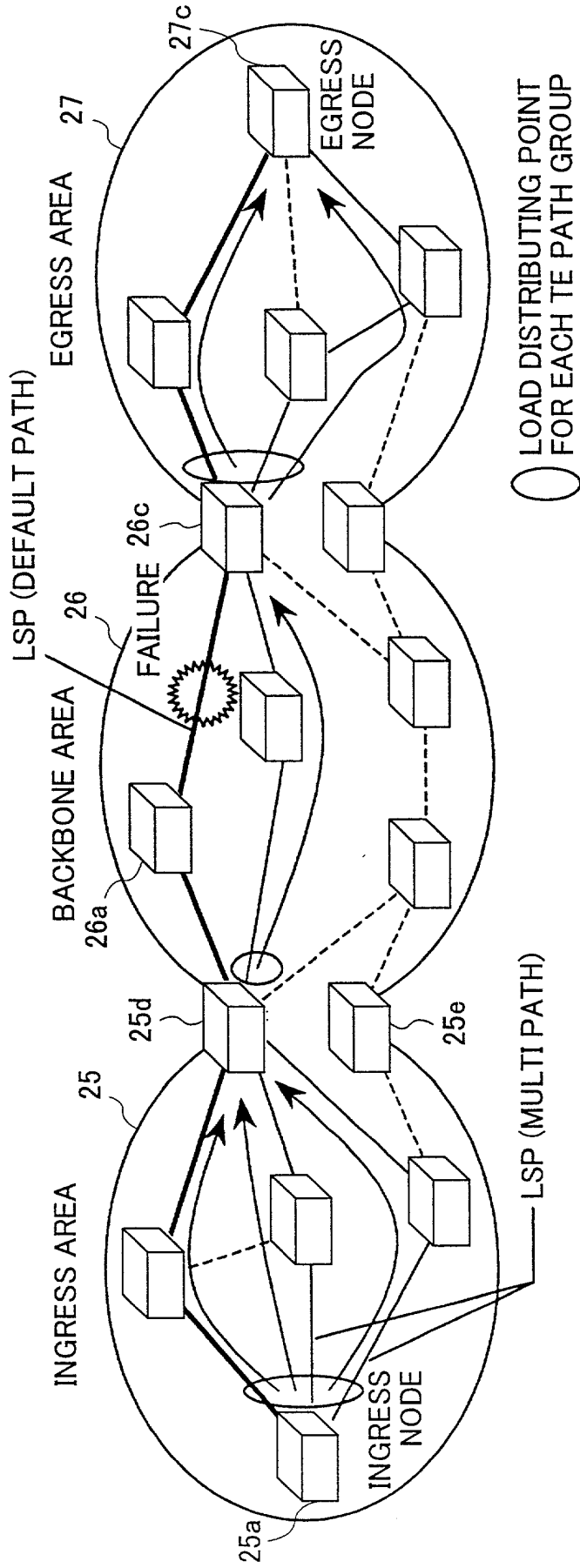


FIG. 32B

